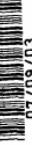


UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)18646 U.S. PTO
10/614831
07/09/03


Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Atsuo YAMAGUCHI
FOR: RESIDUE CALCULATING UNIT IMMUNE TO POWER ANALYSIS

Enclosed are:

43 pages of specification, claims, abstract.
 Declaration and Power of Attorney.
 Priority Claimed.
 Certified copy of Japanese Patent Application No. 2002-286182
 10 sheets of formal drawing.
 An assignment of the invention to RENESAS TECHNOLOGY CORP.
 and the assignment recordation fee.
 An associate power of attorney.
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 Information Disclosure Statement, Form PTO-1449 and reference.
 Return Receipt Postcard

The filing fee has been calculated as shown below:

| | NO. OF CLAIMS | | EXTRA CLAIMS | RATE | AMOUNT |
|--------------------|---------------|-----|-----------------------------|---------|----------|
| Total Claims | 9 | -20 | 0 | \$18.00 | \$0.00 |
| Independent Claims | 1 | -3 | 0 | \$84.00 | \$0.00 |
| | | | Multiple Dependent Claim(s) | | \$0.00 |
| | | | Basic Fee | | \$750.00 |
| | | | Total of Above Calculations | | \$750.00 |
| | | | Less ½ for Small Entity | | \$0.00 |
| | | | Assignment & Recording Fee | | \$40.00 |
| | | | Total Fee | | \$790.00 |


20277
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 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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